

VFC flu vaccine may be given to **all VFC-eligible children aged 6 months through 18 years of age**, including healthy children and adolescents. If available vaccine supplies are limited, give priority to the groups listed below:

- Children age 6 months through 4 years of age
- Children & adolescents aged 5 through 18 years with a chronic medical condition including:
 - Pulmonary disease including asthma
 - Cardiovascular disease
 - Immunosuppression including HIV
 - Metabolic disorders including diabetes
 - Renal dysfunction
 - Hemoglobinopathies including sickle cell disease
 - Those that compromise respiratory function, handling of secretions or increase risk of aspiration, including spinal cord injuries
- Children & adolescents receiving long-term aspirin therapy and may be at risk for developing Reye's syndrome
- Children & adolescents who are residents of nursing homes & other chronic-care facilities that house persons who have chronic medical conditions
- Adolescent females who are/will be pregnant during the influenza season
- Children & adolescents who are household/close contacts of persons in the following high-risk groups: infants birth through 6 months, children and adults in any of the groups listed above and persons aged 50 years or older

Influenza vaccine available through Michigan's VFC program for eligible children & adolescents during the 2008-2009 flu season may include the following presentations:

- Preservative free Fluzone™ (sanofi pasteur) for 6-35 months, packaged as 0.25 mL pre-filled, needleless syringes
- Preservative free Fluzone™ (sanofi pasteur) for 36 months and older, packaged as 0.5 mL single dose vials
- Preservative containing Fluzone™ (sanofi pasteur) for 6 months and older, packaged as 5 mL multi-dose vials
- Preservative containing Fluvirin™ (Chiron) for individuals aged 4 years and older, packaged as 5 mL multi-dose vials.
- FluMist™ (MedImmune) for healthy, non-pregnant persons 2-18 years of age, packaged in single dose 0.2 mL sprayers

INFLUENZA VACCINE DOSING CHART 2008-2009

Trivalent Inactivated Influenza Vaccine (TIV)						
Age	Dosage ¹	No. of Doses per Season ²	Route	Site	Needle Gauge	Needle Length ³
6-35 mo	0.25 mL	1 or 2 doses ²	IM	Anterolat. thigh	22-25 g	1 inch
3-8 yrs	0.5 mL	1 or 2 doses ²	IM	Anterolat. thigh or deltoid	22-25 g	1 inch
9 yrs & older	0.5 mL	1 dose	IM	Anterolat. thigh or deltoid	22-25 g	1- 1.5 inches
Live, Attenuated Influenza Vaccine (LAIV) ⁵						
Age	Dosage ⁴	No. of Doses per Season ²	Route	Site		
2-8 yrs	0.2 mL Spray ½ the dose in each nostril as indicated on the syringe	1 or 2 doses ²		Intranasal	Each nostril	
9 yrs & older	0.2 mL Spray ½ the dose in each nostril as indicated on the syringe	1 dose		Intranasal	Each nostril	

CDC recommends:

¹Children 6-35 mo: 0.25 mL is a full dose. If the child needs 2 doses this season, give 2 doses of 0.25 mL separated by at least 4 weeks

Children 3 years and older: 0.5 mL is a full dose.

Children ages 3 through 8 yrs may need 2 doses. If so, both doses should be 0.5 mL. Separate the doses (TIV or LAIV) by at least 4 weeks

²Children 6 months thru 8 years need 2 doses of flu vaccine if:

They have never received flu vaccine before **or**

They received flu vaccine for the first time last flu season and only received 1 dose

³Professional judgment is appropriate when selecting the needle length

⁴0.2 mL is the correct dose of LAIV for all ages. If the child needs 2 doses, give **two** 0.2 mL doses, separated by at least 4 weeks

⁵FluMist™ (LAIV) is an option for healthy, non-pregnant children and adolescents 2-18 years of age. LAIV may NOT be given to: children less than 2 yrs of age, children & teens with a high risk condition, children 2-4 yrs of age with recurrent wheezing, pregnant females, household/close contacts of severely immunosuppressed (person needing protective environment) and persons with a history of Guillain-Barré syndrome. For more information regarding the use of LAIV, please refer to "A Quick Look at Influenza Vaccines". This and other influenza resources are available at michigan.gov/flu or aimtoolkit.org – Influenza Resources.